

A. Gupta

1653

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/043,813

DATE: 01/04/2000
TIME: 12:41:14

Input Set: I043813.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Kelly, Michael T.
2 Andersen, Raymond J.
3 Gerard, Jeff
4 <120> TITLE OF INVENTION: CYCLIC DECAPEPTIDE ANTIBIOTICS
5 <130> FILE REFERENCE: 850103.40301
6 <140> CURRENT APPLICATION NUMBER: US/09/043,813
7 <141> CURRENT FILING DATE: 1998-09-29
8 <160> NUMBER OF SEQ ID NOS: 78
9 <170> SOFTWARE: FastSEQ for Windows Version 3.0
10 <210> SEQ ID NO 1
11 <211> LENGTH: 10
12 <212> TYPE: PRT
13 <213> ORGANISM: Bacillus laterosporus
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16 <222> LOCATION: (2)...(2)
17 <223> OTHER INFORMATION: Orn
18 <220> FEATURE:
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20 <222> LOCATION: (4)...(4)
21 <223> OTHER INFORMATION: Residue is D-Tyrosine
22 <220> FEATURE:
23 <221> NAME/KEY: VARIANT
24 <222> LOCATION: (7)...(7)
25 <223> OTHER INFORMATION: Residue is D-Phenylalanine
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28 1 5 10
29 <210> SEQ ID NO 2
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31 <212> TYPE: PRT
32 <213> ORGANISM: Bacillus laterosporus
33 <220> FEATURE:
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35 <222> LOCATION: (2)...(2)
36 <223> OTHER INFORMATION: Orn
37 <220> FEATURE:
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40 <223> OTHER INFORMATION: Residue is D-Tyrosine
41 <220> FEATURE:
42 <221> NAME/KEY: VARIANT
43 <222> LOCATION: (7)...(7)
44 <223> OTHER INFORMATION: Residue D-Phenylalanine

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54 <222> LOCATION: (2)...(2)
55 <223> OTHER INFORMATION: Orn
56 <220> FEATURE:
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59 <223> OTHER INFORMATION: Residue is D-Tyrosine
60 <220> FEATURE:
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62 <222> LOCATION: (7)...(7)
63 <223> OTHER INFORMATION: Residue is D-Phenylalanine
64 <400> SEQUENCE: 3
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      66 1 5 10
67 <210> SEQ ID NO 4
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69 <212> TYPE: PRT
70 <213> ORGANISM: Bacillus laterosporus
71 <220> FEATURE:
72 <221> NAME/KEY: MOD_RES
73 <222> LOCATION: (1)...(1)
74 <223> OTHER INFORMATION: Butyrine
75 <220> FEATURE:
76 <221> NAME/KEY: MOD_RES
77 <222> LOCATION: (2)...(2)
78 <223> OTHER INFORMATION: Orn
79 <220> FEATURE:
80 <221> NAME/KEY: VARIANT
81 <222> LOCATION: (1)...(10)
82 <223> OTHER INFORMATION: All residues can have L- or D- Stereochemistry. In
83 preferred embodiment residues 1-3, 5-6, 8-10 have
84 L-stereochemistry and residues 4 and 7 have
85 D-stereochemistry
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      88 1 5 10
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91 <212> TYPE: PRT
92 <213> ORGANISM: Bacillus laterosporus
93 <220> FEATURE:
94 <221> NAME/KEY: MOD_RES

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RAW SEQUENCE LISTING
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101 <220> FEATURE:
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103 <222> LOCATION: (1)...(10)
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105     preferred embodiment residues 1-3, 5-6, 8-10 have
106     L-stereochemistry and residues 4 and 7 have
107     D-stereochemistry
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123 <220> FEATURE:
124 <221> NAME/KEY: VARIANT
125 <222> LOCATION: (1)...(10)
126 <223> OTHER INFORMATION: All resdues can have L- or D- Stereochemistry. In
127     preferred embodiment residues 1-3, 5-6, 8-10 have
128     L-stereochemistry and residues 4 and 7 have
129     D-stereochemistry
130 <400> SEQUENCE: 6
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140 <223> OTHER INFORMATION: Dbu
141 <220> FEATURE:
142 <221> NAME/KEY: VARIANT
143 <222> LOCATION: (1)...(10)
144 <223> OTHER INFORMATION: All resdues can have L- or D- Stereochemistry. In

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146     L-stereochemistry and residues 4 and 7 have
147     D-stereochemistry
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158     <223> OTHER INFORMATION: Dbū
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163     preferred embodiment residues 1-3, 5-6, 8-10 have
164     L-stereochemistry and residues 4 and 7 have
165     D-stereochemistry
166     <400> SEQUENCE: 8
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173     <220> FEATURE:
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179     <222> LOCATION: (1)...(10)
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181     preferred embodiment residues 1-3, 5-6, 8-10 have
182     L-stereochemistry and residues 4 and 7 have
183     D-stereochemistry
184     <400> SEQUENCE: 9
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193     <222> LOCATION: (2)...(2)
194     <223> OTHER INFORMATION: Orn

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/043,813

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Input Set: I043813.RAW

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195 <220> FEATURE:
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198 <223> OTHER INFORMATION: All residues can have L- or D- Stereochemistry. In
199     preferred embodiment residues 1-3, 5-6, 8-10 have
200     L-stereochemistry and residues 4 and 7 have
201     D-stereochemistry
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213 <220> FEATURE:
214 <221> NAME/KEY: VARIANT
215 <222> LOCATION: (1)...(10)
216 <223> OTHER INFORMATION: All residues can have L- or D- Stereochemistry. In
217     preferred embodiment residues 1-3, 5-6, 8-10 have
218     L-stereochemistry and residues 4 and 7 have
219     D-stereochemistry
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230 <223> OTHER INFORMATION: Orn
231 <220> FEATURE:
232 <221> NAME/KEY: VARIANT
233 <222> LOCATION: (1)...(10)
234 <223> OTHER INFORMATION: All residues can have L- or D- Stereochemistry. In
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236     L-stereochemistry and residues 4 and 7 have
237     D-stereochemistry
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243 <212> TYPE: PRT
      <213> ORGANISM: Bacillus laterosporus

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Please Note:

Use f n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> and <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I043813.RAW

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46	W "N" or "Xaa" used: Feature required	Val Xaa Leu Tyr Pro Phe Phe Asn Asp Trp
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109	W "N" or "Xaa" used: Feature required	Xaa Xaa Leu Tyr Pro Phe Phe Asn Asp Trp
131	W "N" or "Xaa" used: Feature required	Xaa Xaa Leu Tyr Pro Trp Phe Asn Asp Trp
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327	W "N" or "Xaa" used: Feature required	Val Xaa Xaa Tyr Pro Phe Phe Asn Asp Tyr
349	W "N" or "Xaa" used: Feature required	Val Xaa Xaa Tyr Pro Phe Phe Asn Asp Trp
371	W "N" or "Xaa" used: Feature required	Val Xaa Xaa Tyr Pro Trp Phe Asn Asp Trp
393	W "N" or "Xaa" used: Feature required	Val Xaa Xaa Tyr Pro Phe Phe Asn Asp Tyr
415	W "N" or "Xaa" used: Feature required	Val Xaa Xaa Tyr Pro Phe Phe Asn Asp Trp
437	W "N" or "Xaa" used: Feature required	Val Xaa Xaa Tyr Pro Trp Phe Asn Asp Trp
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481	W "N" or "Xaa" used: Feature required	Val Xaa Xaa Tyr Pro Phe Phe Asn Asp Trp
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587	W "N" or "Xaa" used: Feature required	Val Xaa Leu Trp Pro Phe Phe Asn Asp Tyr
605	W "N" or "Xaa" used: Feature required	Val Xaa Leu Trp Pro Phe Phe Asn Asp Trp
623	W "N" or "Xaa" used: Feature required	Val Xaa Leu Trp Pro Trp Phe Asn Asp Trp
645	W "N" or "Xaa" used: Feature required	Val Xaa Leu Xaa Pro Phe Phe Asn Asp Tyr
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777	W "N" or "Xaa" used: Feature required	Val Xaa Leu Tyr Xaa Phe Phe Asn Asp Tyr
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931	W "N" or "Xaa" used: Feature required	Val Xaa Leu Tyr Xaa Phe Phe Asn Asp Trp
953	W "N" or "Xaa" used: Feature required	Val Xaa Leu Tyr Xaa Trp Phe Asn Asp Trp
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1011	W "N" or "Xaa" used: Feature required	Val Xaa Leu Tyr Pro Xaa Phe Asn Asp Tyr
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Input Set: I043813.RAW

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1113	W "N" or "Xaa" used: Feature required	Val Xaa Leu Tyr Pro Xaa Phe Asn Asp Trp
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1157	W "N" or "Xaa" used: Feature required	Val Xaa Leu Tyr Pro Xaa Phe Asn Asp Trp
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1603	W "N" or "Xaa" used: Feature required	Trp Val Xaa Leu Tyr